Muzahir Abbas

AI Full-Stack & SaaS Developer

Islamabad, Pakistan • +92-3125039952 • Born: 26/12/1996 • Nationality: Pakistani

muzahirabbas247@gmail.com • LinkedIn • GitHub • Portfolio

Results-driven AI Full-Stack Developer specializing in building end-to-end SaaS applications and intelligent automation solutions. Proficient in Python (Flask) and JavaScript (React), with deep expertise in leveraging Generative AI, LLMs, and RAG to create efficient, scalable products. Proven ability to architect and deploy cloud-native applications on platforms like GCP and Cloudflare, transforming complex business requirements into robust software.

Education

National University of Sciences and Technology (NUST) *09/2015 - 06/2020*
Bachelor of Science - BS, Computer Science

Work Experience

Creative Technology Lead (AI & Automation) *04/2024 - Present*
SparkE Production — Islamabad, Pakistan

- Architected and deployed an AI-first production model, building generative AI workflows that accelerated 2D/3D asset creation pipelines by over 50%.
- Developed and integrated a suite of automation tools for content generation and digital asset management, reducing manual process bottlenecks by an estimated 30%.

AI & Automation | SaaS Developer *04/2024 - Present*
Freelance — Remote

- Developed and delivered over 10 custom AI-powered SaaS applications and automation solutions for a diverse client portfolio, enhancing business operations in marketing and sales.
- Engineered robust full-stack solutions using Python (Flask) and React, creating end-to-end generative AI products from concept to deployment.

Technology Lead & Developer *07/2025 - 09/2025*
Eco Hope — Islamabad, Pakistan

- Designed and launched a full-stack portal for donor and profile management, improving data transparency and accessibility for over 500 users.
- Led the development and deployment of the organization's core website and database systems, establishing a scalable infrastructure that supported a 20% growth in outreach.

Certifications

AI Agent Developer — Vanderbilt University (2025)

Generative AI Automation Specialization — Vanderbilt University (2025)

IBM RAG and Agentic AI — IBM (2025)

Google IT Automation with Python — Google (2025)

Docker Foundations Professional Certificate — Docker, Inc (2024)

Projects

AI-Powered Cinematographic Shot Generator
Developed a full-stack SaaS tool using Gemini, React, and Node.js on GCP to automate pre-production planning by converting text into generative shot lists.

TwoFold: AI-Powered Relationship Growth Platform
Built a privacy-first AI coaching platform with React, Flask, and Firebase, demonstrating complex multi-agent orchestration for personal development.

Veritas Lens: AI-Powered Fact Checker

Created a Chrome extension with React and Flask that leverages Gemini AI to provide real-time fact-checking and critical analysis of online content.

AI Career Copilot Web App

Engineered an AI tool using React, Python (Flask), and spaCy to analyze resumes against job descriptions, providing an ATS match score and optimization feedback.

AI-Powered Serverless Social Media Scheduler

Designed a serverless application on Cloudflare Workers with a React frontend that uses Gemini AI to adapt and schedule social media content across platforms.

Skills

AI & Machine Learning
Generative AI • LLMs • RAG • AI Agents • Prompt Engineering • Artificial Intelligence (AI)

Backend & Databases
Python • Flask • Django • Node.js • REST APIs • Databases

Frontend
JavaScript • React.js • Vite.js

DevOps & Cloud
SaaS • Google Cloud Platform (GCP) • Cloudflare • Docker

Automation
Workflow Automation • Business Process Automation • n8n

Languages
English (Fluent) • German (Beginner)